13 December 1960

Dear Rod:

ELG tells me you requested moisture equilibrium curves for SO-132. The moisture content of film, expressed as a percentage of total film weight, is a function of the relative humidity of the air with which the film is in equilibrium. As you indicated, the moisture content is also a function of the temperature, but to a lesser extent. The attached curve for SO-132 shows the relationship at 70°F. Another attached curve shows the relationship of SO-102 (Plus X emulsion on 2 1/2 mil Estar base) at 55°F, 70°F, 120°F and 160°F. As indicated, the 70° and 55° curves coincide. The relationship between various temperatures shown by the SO-102 will also be valid for the SO-132. Thus you should be able to estimate the temperature effect on SO-132 even though we do not have temperature data available.

If you have any further questions feel free to give us a call.

JSM:kl

J. S. M.

cc: LEW/with curves ✓

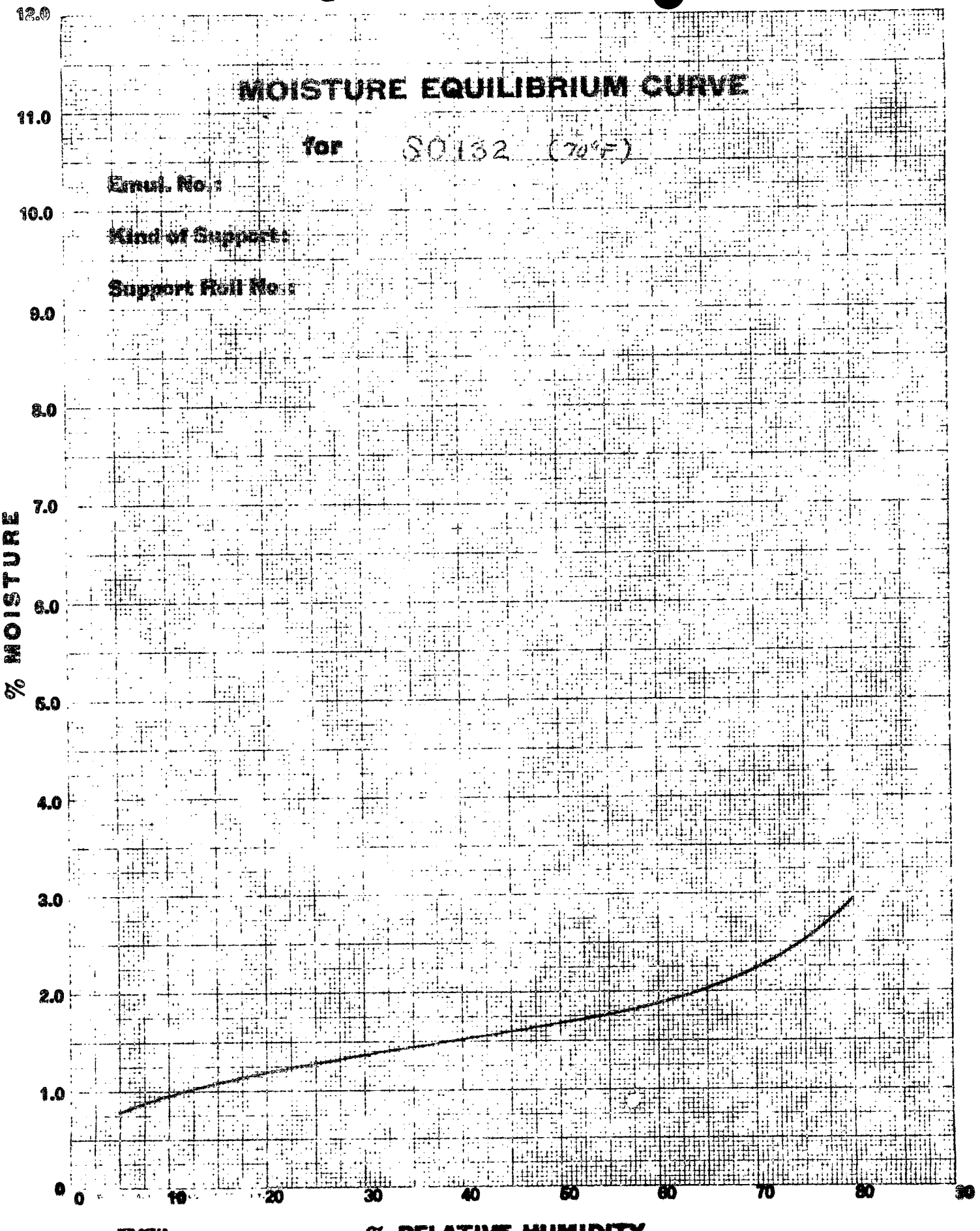
MOISTURE EQUILIBRIUM CURVE

for SO132 (72°F)

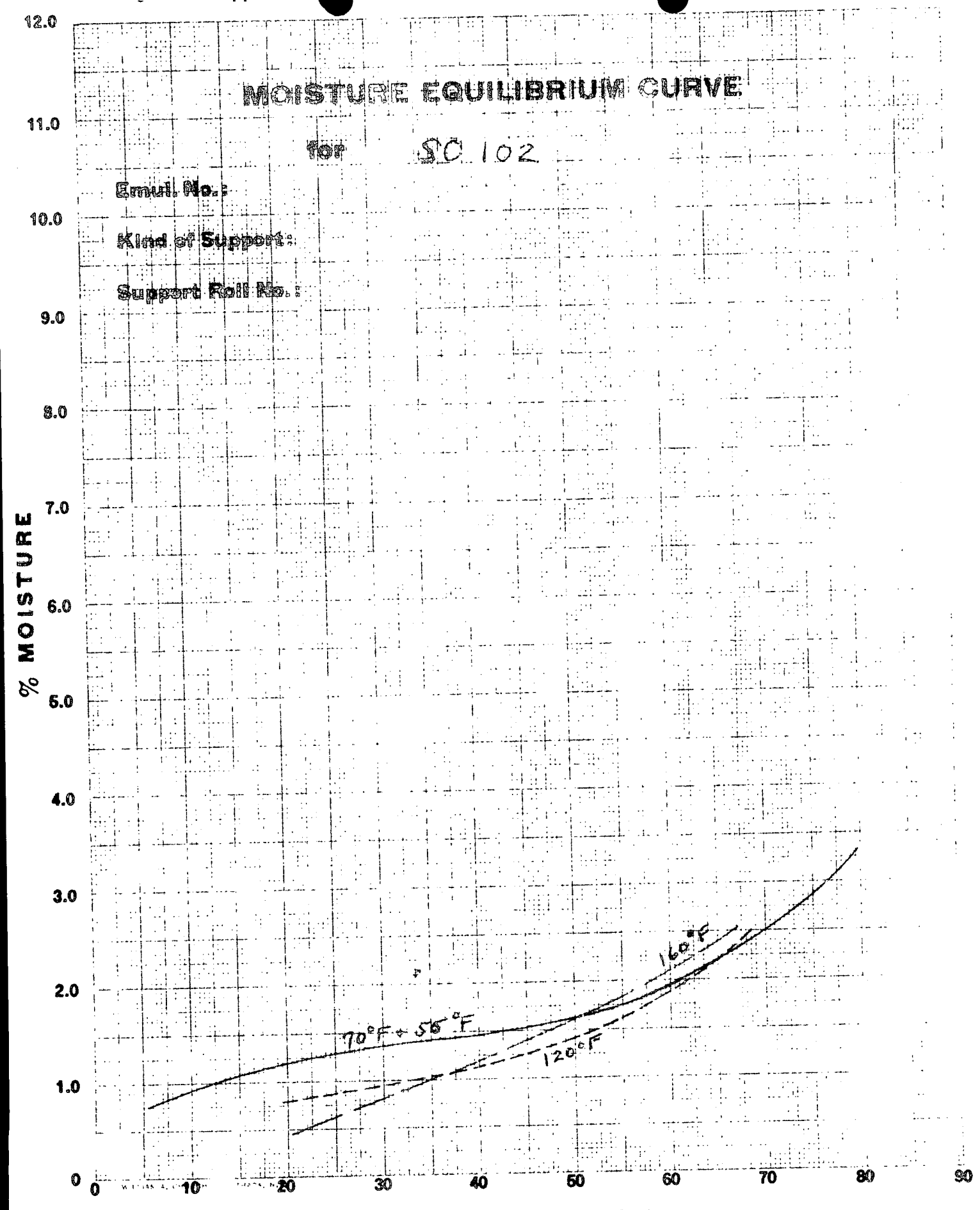
Emul. No.:

Kind of Support:

Support Roll No.:



KP 30712



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